

Applicant: SINAI, David
Serial No.: 10/811,864

Attorney Docket No.: P-6641-US

REMARKS

Applicant has carefully studied the Office Action. This paper is intended to be fully responsive to all points of rejection and objection raised by the Office Action and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application are respectfully requested.

Status of the Claims

Claims 1-27 are pending in the Application. Claims 1, 9, 17, 22 and 25 have been amended.

Voluntary Amendment of Claims

Applicant has amended claims 1, 9, 17, 22 and 25 to more clearly define what the Applicant regards as the invention. No new matter has been added.

Specifically, claims 1, 9, 17, 22 and 25 have been amended to clarify that the processor is configured to process wireless communication signals.

Claim Rejections Under 35 USC §102(b)

The Office Action rejected claims 1-16 and 25-27 under 35 USC §102(b) as being anticipated by Ohtsuka, United States Patent Number 5,809,315 ("Ohtsuka").

Applicant respectfully submits that in view of the foregoing amendment and the following remarks, the rejection of claims 1-16 and 25-27 under 35 USC §102(b) as being anticipated by Ohtsuka should be withdrawn.

As is well established, in order for a claim to be anticipated by the prior art, each and every element and feature of the claim must be included in a single prior art document.

Each of amended independent claims 1, 9, 17, 22 and 25 recites in paraphrase, *inter alia*, setting an operating voltage supplied to a processor configured to process wireless communication signals based on a mode of operation of said processor. Ohtsuka does not disclose, teach or suggest at least these features of amended independent claims 1, 9, 17,

22 and 25. Therefore, Ohtsuka does not anticipate independent claims 1, 9, 17, 22 and 25, as amended.

Ohtsuka describes “a voltage detecting means 2, such as a comparing circuit or an A/D converter” which “serves to detect the voltage” (Ohtsuka, column 3, lines 35-39), and that the control means 4 determines an operation mode and sets a comparative voltage for the voltage detecting means (Ohtsuka, column 5, lines 47-57).

Applicant respectfully asserts that Ohtsuka, which describes setting a comparative voltage of a voltage detecting means, does not anticipate the feature of setting an operating voltage supplied to a processor configured to process wireless communication signals based on a mode of operation of said processor, as recited in amended independent claims 1, 9, 17, 22 and 25.

Applicant respectfully asserts that the voltage detection means of Ohtsuka does not read on the “processor configured to process wireless communication signals”, as recited in amended independent claims 1, 9, 17, 22 and 25.

Applicant further submits that setting a comparative voltage of a voltage detecting means is significantly different from setting an operating voltage supplied to a processor configured to process wireless communication signals. As is well known in the art, a voltage detecting means is a device which is – by definition – capable of receiving a comparative voltage, which can be modified by another controller in order to achieve the voltage detection. Thus, modifying a voltage is a straightforward operation in the context of voltage detectors. In contrast, processors configured to process wireless communication signals, as in the prior art, are supplied with a generally constant voltage that cannot be modified. Therefore, it is a novel feature of the present invention that the operating voltage supplied to the processor is modifiable based on the processor’s mode of operation.

In view of the above, Applicant respectfully submits that each of amended independent claims 1, 9, 17, 22 and 25 meets the novelty requirements of 35 USC §102(b).

Applicant respectfully submits that the above-mentioned distinctions of amended independent claims 1, 9, 17, 22 and 25 would not have been obvious at the time the invention was made to a person having ordinary skill in the art, in view of any of the

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references on record, alone or in combination. Applicant respectfully submits that the feature of setting the voltage supplied to a processor configured to process wireless communication signals is non-obvious. Applicant agrees that processors are known in the art, that processors configured to process wireless communication signals are known in the art, that processors having multiple modes of operation are known in the art, that antennas or dipole antennas are known in the art, and that wireless communication devices are known in the art. However, Applicant asserts that it is novel and non-obvious to set the voltage supplied to a processor configured to process wireless communication signals based on a mode of operation of said voltage. Therefore, while the Office Action has not made such a rejection, Applicant respectfully submits that amended independent claims 1, 9, 17, 22 and 25 meet the patentability requirements of 35 USC §103.

Claims 2-8, claims 10-16, and claims 26-27 are dependent from amended independent claims 1, 9, and 25, respectively, and include all the features of these independent claims as well as additional distinguishing features. Therefore, it is respectfully submitted that the novelty and patentability of claims 2-8, claims 10-16, and claims 26-27 follow directly from the novelty and patentability of amended independent claims 1, 9, and 25, respectively.

In view of the above, Applicant respectfully requests that the rejection of claims 1-16 and 25-27 under 35 USC §102(b) as being anticipated by Ohtsuka be withdrawn.

Claim Rejections Under 35 USC §103(a)

The Office Action rejected claims 17-24 under 35 USC §103(a) as being unpatentable over Ohtsuka in view of Shteyn et al., United States Patent Application Publication Number 2003/0040344 ("Shteyn").

Without conceding the appropriateness of the combination, and without conceding that the combination renders claims 17-24 obvious, Applicant respectfully submits that in view of the foregoing amendment and the following remarks, the rejection of claims 17-24 under 35 USC §103(a) as being unpatentable over Ohtsuka in view of Shteyn should be withdrawn.

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Amended independent claim 17 recites in paraphrase, *inter alia*, setting an operating voltage supplied to a processor configured to process wireless communication signals based on a mode of operation of said processor. Ohtsuka and/or Shteyn, alone or in combination, do not disclose, teach or suggest at least these features of amended independent claim 17. Therefore, Ohtsuka and/or Shteyn, alone or in combination, do not render amended independent claim 17 obvious.

Claims 18-24 are dependent from amended independent claim 17, respectively, and include all the features of independent claim 17 as well as additional distinguishing features. Therefore, it is respectfully submitted that the novelty and patentability of claims 18-24 follow directly from the novelty and patentability of amended independent claim 17.

Conclusion

In view of the foregoing amendment and remarks, and for at least the reasons discussed above, Applicant respectfully submits that claims 1-27 are deemed to be allowable. Their favorable reconsideration and allowance are respectfully requested.

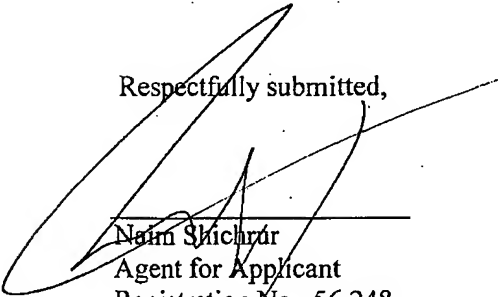
Should the Examiner have any question or comment as to the form, content or entry of this paper, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

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No fees are believed to be due in connection with this paper. However, if any fees are in fact due in connection with this paper, please charge any such fees to deposit account No. 50-3355.

Respectfully submitted,



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